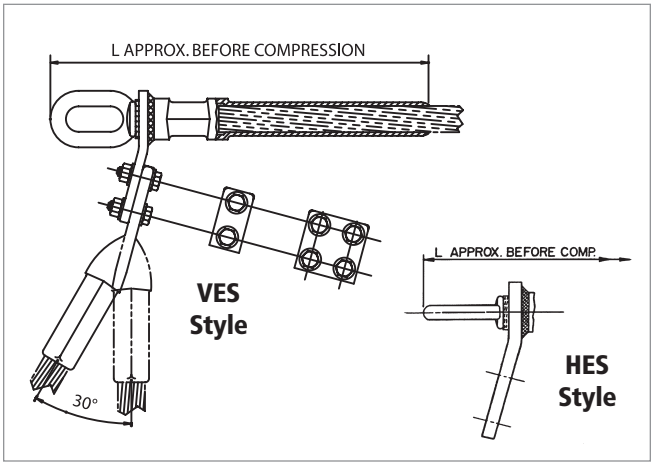
Quick Compress Dead Ends for AAAC and ACAR Conductor, Eye Type, Single Tongue, VES/HES Series



The Quick Compress Dead Ends are designed for fast and easy installation. By using a high strength alloy, the compression length has been shortened for less compression bites while maintaining a minimum 95% of the ASTM rated strength. The steel eye is pre-compressed and the dead end pre-filled, eliminating installation steps.

The dead end tongue and terminal pad are each constructed with a 15º angle, which permits the terminal connector to be bolted in either the straight or the 30º position. Both sides of the pad are finished, creating excellent electrical contact surfaces. For pad to pad connections, AFL recommends the use of No. 2 EJC.

The end tapers of all compression accessories are supplied with a high voltage finish for die sizes 12CD and above. Corona bolts are furnished standard on 15º terminals for these section sizes. The square edges of bolted pads of the compression accessories could cause Corona. Pads with rounded edges and corners can be supplied by adding the catalog suffix 'EHV'.

Ordering Instructions

Step 1: Assembly Catalog Number

Determine the assembly catalog number based on the conductor being used.

Step 2: Terminal Connector

For an assembly without a terminal connector, use 'NT'.
For an assembly with a terminal connector, leave blank.

Step 3: Extra High Voltage Finish

For Extra High Voltage Finish, use 'EHV'. (≥ 345 kV)
For Standard Finish, leave blank. (< 345 kV).

Step 4: Assemble Catalog Number.

Assy Catalog Number	+	Terminal Connector	+	EHV Finish

Example:

For a vertical eye dead end with no terminal and EHV finish for 927.2 Greeley, the complete catalog number is:

VES120NTEHV

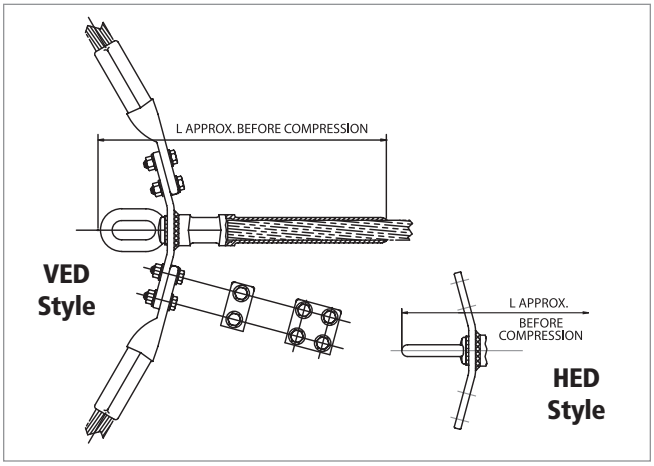
Notes:

1. Assembly Catalog Number includes dead end, terminal connector and aluminum hardware.
2. Eye Dimensions are on page 257.
3. Pad Dimensions are on page 257.
4. Installation Instructions for Dead Ends are on page 266.
5. Installation Instructions for Terminals are on page 272.
6. For more information on die selection and ordering instructions, see Tools and Equipment tab in this catalog.

Quick Compress Dead Ends for AAAC and ACAR Conductor, Eye Type, Single Tongue, VES/HES Series (cont.)

ASSEMBLY CATALOG NUMBER		CONDUCTOR			DIE SIZE	TOTAL		DIMENSION L		PAD SIZE
VERTICAL EYE	HORIZONTAL EYE	CODE WORD	SIZE	DIAMETER						
			KCMIL	IN		LBS	KG	IN	MM	
VES070	HES070	—	281.4	0.609	07CD	1.8	0.82	11.5	292	B
VES070	HES070	Butte	312.8	0.642	07CD	1.8	0.82	11.5	292	B
VES080	HES080	—	355.1	0.684	08CD	2.3	1.04	12.3	313	B
VES080	HES080	Canton	394.5	0.721	08CD	2.3	1.04	12.3	313	B
VES080	HES080	—	419.6	0.743	08CD	2.3	1.04	12.3	313	B
VES090	HES090	Cairo	465.4	0.783	09CD	3.1	1.41	13.8	351	B
VES090	HES090	—	503.6	0.814	09CD	3.1	1.41	13.8	351	B
VES100	VES100	Darien	559.5	0.858	10CD	3.6	1.63	14.7	373	B
VES100	VES100	—	587.2	0.879	10CD	3.6	1.63	14.7	373	B
VES100	VES100	—	634.9	0.914	10CD	3.6	1.63	14.7	373	B
VES100	VES100	—	649.5	0.928	10CD	3.6	1.63	14.7	373	B
VES100	VES100	Elgin	652.4	0.927	10CD	3.6	1.63	14.7	373	B
VES100	VES100	—	657.3	0.930	10CD	3.6	1.63	14.7	373	B
VES110	HES110	Flint	740.8	0.991	11CD	5.5	2.49	15.9	403	D
VES120	HES120	—	853.7	1.063	12CD	6.3	2.86	16.7	424	D
VES120	HES120	Greeley	927.2	1.108	12CD	6.3	2.86	16.7	424	D
VES130	HES130	—	1024.5	1.165	13CD	8.4	3.81	19.0	483	D
VES130	HES130	—	1080.6	1.196	13CD	8.4	3.81	19.0	483	D
VES130	HES130	—	1108.6	1.212	13CD	8.4	3.81	19.0	483	D
VES140	HES140	—	1172.3	1.246	14CD	9.6	4.35	19.8	503	D
VES160	HES160	—	1534.0	1.427	16CD	13.4	6.08	22.3	567	D
VES160	HES160	—	1700.0	1.502	16CD	13.4	6.08	22.3	567	D
VES190	HES190	—	2303.5	1.750	19CD	22.8	10.34	26.2	665	E
VES190	HES190	—	2338.0	1.762	19CD	22.8	10.34	26.2	665	E
VES200	HES200	—	2493.0	1.821	20CD	24.2	10.98	27.0	686	E

Quick Compress Dead Ends for AAAC and ACAR Conductor, Eye Type, Double Tongue, VED/HED Series



The Quick Compress Dead Ends are designed for fast and easy installation. By using a high strength alloy, the compression length has been shortened for less compression bites while maintaining a minimum 95% of the ASTM rated strength. The steel eye is pre-compressed and the dead end pre-filled, eliminating installation steps.

The dead end tongue and terminal pad are each constructed with a 15º angle, which permits the terminal connector to be bolted in either the straight or the 30º position. Both sides of the pad are finished, creating excellent electrical contact surfaces. For pad to pad connections, AFL recommends the use of No. 2 EJC.

The end tapers of all compression accessories are supplied with a high voltage finish for die sizes 12CD and above. Corona bolts are furnished standard on 15º terminals for these section sizes. The square edges of bolted pads of the compression accessories could cause Corona. Pads with rounded edges and corners can be supplied by adding the catalog suffix 'EHV'.

Ordering Instructions

Step 1: Assembly Catalog Number

Determine the assembly catalog number based on the conductor being used.

Step 2: Terminal Connector

For an assembly without a terminal connector, use 'NT'.
For an assembly with a terminal connector, leave blank.

Step 3: Extra High Voltage Finish

For Extra High Voltage Finish, use 'EHV'. (≥ 345 kV)
For Standard Finish, leave blank. (< 345 kV)

Step 4: Assemble Catalog Number.

Assy Catalog Number	+	Terminal Connector	+	EHV Finish

Example:

For a vertical eye dead end with no terminal and EHV finish for 927.2 Greeley, the complete catalog number is:

VED120NTEHV

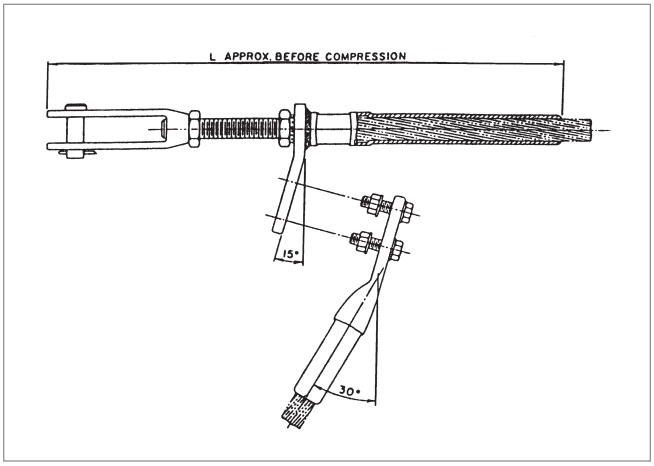
Notes:

1. Assembly Catalog Number includes dead end, two terminal connectors and aluminum hardware.
2. Eye Dimensions are on page 257.
3. Pad Dimensions are on page 257.
4. Installation Instructions for Dead Ends are on page 266.
5. Installation Instructions for Terminals are on page 272.
6. For more information on die selection and ordering instructions, see Tools and Equipment tab in this catalog.

Quick Compress Dead Ends for AAAC and ACAR Conductor, Eye Type, Double Tongue, VED/HED Series (cont.)

ASSEMBLY CATALOG NUMBER		CONDUCTOR			DIE SIZE	TOTAL WEIGHT		DIMENSION L		PAD SIZE
VERTICAL EYE	HORIZONTAL EYE	CODE NAME	SIZE	DIAMETER						
			KCMIL	IN		LBS	KG	IN	MM	
VED070	HED070	—	281.4	0.609	07CD	2.8	1.27	11.5	292	B
VED070	HED070	Butte	312.8	0.642	07CD	2.8	1.27	11.5	292	B
VED080	HED080	—	355.1	0.684	08CD	3.3	1.5	12.3	313	B
VED080	HED080	Canton	394.5	0.721	08CD	3.3	1.5	12.3	313	B
VED080	HED080	—	419.6	0.743	08CD	3.3	1.5	12.3	313	B
VED090	HED090	Cairo	465.4	0.783	09CD	4.3	1.95	13.8	351	B
VED090	HED090	—	503.6	0.814	09CD	4.3	1.95	13.8	351	B
VED100	VED100	Darien	559.5	0.858	10CD	5.2	2.36	14.7	373	B
VED100	VED100	—	587.2	0.879	10CD	5.2	2.36	14.7	373	B
VED100	VED100	—	634.9	0.914	10CD	5.2	2.36	14.7	373	B
VED100	VED100	—	649.5	0.928	10CD	5.2	2.36	14.7	373	B
VED100	VED100	Elgin	652.4	0.927	10CD	5.2	2.36	14.7	373	B
VED100	VED100	—	657.3	0.930	10CD	5.2	2.36	14.7	373	B
VED110	HED110	Flint	740.8	0.991	11CD	7.7	3.49	15.9	403	D
VED120	HED120	—	853.7	1.063	12CD	9.0	4.06	16.7	424	D
VED120	HED120	Greeley	927.2	1.108	12CD	9.0	4.06	16.7	424	D
VED130	HED130	—	1024.5	1.165	13CD	11.5	5.22	19.0	483	D
VED130	HED130	—	1080.6	1.196	13CD	11.5	5.22	19.0	483	D
VED130	HED130	—	1108.6	1.212	13CD	11.5	5.22	19.0	483	D
VED140	HED140	—	1172.3	1.246	14CD	13.2	5.99	19.8	503	D
VED160	HED160	—	1534	1.427	16CD	18.0	8.16	22.3	567	D
VED160	HED160	—	1700	1.502	16CD	18.0	8.16	22.3	567	D
VED190	HED190	—	2303.5	1.750	19CD	30.2	13.70	26.2	665	E
VED190	HED190	—	2338	1.762	19CD	30.2	13.70	26.2	665	E
VED200	HED200	—	2493	1.821	20CD	32.0	14.51	27.0	686	E

Quick Compress Dead Ends for AAAC and ACAR Conductor, Adjustable Clevis Type, Single Tongue, ACS Series



The Quick Compress Dead Ends are designed for fast and easy installation. By using a high strength alloy, the compression length has been shortened for less compression bites while maintaining a minimum 95% of the ASTM rated strength. The adjustable steel clevis is pre-compressed and the dead end pre-filled, eliminating installation steps.

The dead end tongue and terminal pad are each constructed with a 15º angle, which permits the terminal connector to be bolted in either the straight or the 30º position. Both sides of the pad are finished, creating excellent electrical contact surfaces. For pad to pad connections, AFL recommends the use of No. 2 EJC.

The end tapers of all compression accessories are supplied with a high voltage finish for die sizes 12CD and above. Corona bolts are furnished standard on 15º terminals for these section sizes. The square edges of bolted pads of the compression accessories could cause Corona. Pads with rounded edges and corners can be supplied by adding the catalog suffix 'EHV'.

Ordering Instructions

Step 1: Assembly Catalog Number

Determine the assembly catalog number based on the conductor being used.

Step 2: Terminal Connector

For an assembly without a terminal connector, use 'NT'.
For an assembly with a terminal connector, leave blank.

Step 3: Extra High Voltage Finish

For Extra High Voltage Finish, use 'EHV'. (≥ 345 kV)
For Standard Finish, leave blank. (< 345 kV)

Step 4: Assemble Catalog Number.

Assy Catalog Number	+	Terminal Connector	+	EHV Finish

Example:

For an adjustable clevis dead end with no terminal and EHV finish for 927.2 Greeley, the complete catalog number is:

ACS120NTEHV

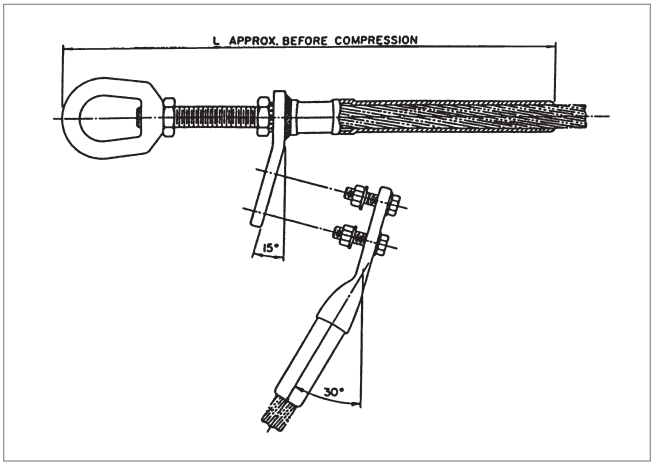
Notes:

1. Assembly Catalog Number includes dead end, terminal connector and aluminum hardware.
2. Clevis Dimensions are on page 258.
3. Pad Dimensions are on page 257.
4. Installation Instructions for Dead Ends are on page 266.
5. Installation Instructions for Terminals are on page 272.
6. For more information on die selection and ordering instructions, see Tools and Equipment tab in this catalog.

Quick Compress Dead Ends for AAAC and ACAR Conductor, Adjustable Clevis Type, Single Tongue, ACS Series (cont.)

ASSEMBLY CATALOG NUMBER	CONDUCTOR			DIE SIZE	TOTAL WEIGHT		DIMENSION L		PAD SIZE
	CODE WORD	SIZE	DIAMETER						
		KCMIL	IN		LBS	KG	IN	MM	
ACS070	—	281.4	0.609	07CD	4.3	1.95	19.3	489	B
ACS070	Butte	312.8	0.642	07CD	4.3	1.95	19.3	489	B
ACS080	—	355.1	0.684	08CD	5.0	2.31	20.2	513	B
ACS080	Canton	394.5	0.721	08CD	5.0	2.31	20.2	513	B
ACS080	—	419.6	0.743	08CD	5.0	2.31	20.2	513	B
ACS090	Cairo	465.4	0.783	09CD	6.2	2.81	21.7	551	B
ACS090	—	503.6	0.814	09CD	6.2	2.81	21.7	551	B
ACS100	Darien	559.5	0.858	10CD	6.7	3.04	22.5	572	B
ACS100	—	587.2	0.879	10CD	6.7	3.04	22.5	572	B
ACS100	—	634.9	0.914	10CD	6.7	3.04	22.5	572	B
ACS100	—	649.5	0.928	10CD	6.7	3.04	22.5	572	B
ACS100	Elgin	652.4	0.927	10CD	6.7	3.04	22.5	572	B
ACS100	—	657.3	0.930	10CD	6.7	3.04	22.5	572	B
ACS110	Flint	740.8	0.991	11CD	11.1	5.03	25.9	659	D
ACS120	—	853.7	1.063	12CD	11.9	5.40	26.8	679	D
ACS120	Greeley	927.2	1.108	12CD	11.9	5.40	26.8	679	D
ACS130	—	1024.5	1.165	13CD	15.0	6.80	28.7	729	D
ACS130	—	1080.6	1.196	13CD	15.0	6.80	28.7	729	D
ACS130	—	1108.6	1.212	13CD	15.0	6.80	28.7	729	D
ACS140	—	1172.3	1.246	14CD	16.1	7.30	29.5	749	D
ACS160	—	1534.0	1.427	16CD	23.5	10.66	34.4	873	D
ACS160	—	1700.0	1.502	16CD	23.5	10.66	34.4	873	D
ACS190	—	2303.5	1.750	19CD	36.6	16.60	38.2	970	E
ACS190	—	2338.0	1.762	19CD	36.6	16.60	38.2	970	E
ACS200	—	2493.0	1.821	20CD	37.9	17.19	39.0	991	E

Quick Compress Dead Ends for AAAC and ACAR Conductor, Adjustable Eye Type, Single Tongue, AES Series



The Quick Compress Dead Ends are designed for fast and easy installation. By using a high strength alloy, the compression length has been shortened for less compression bites while maintaining a minimum 95% of the ASTM rated strength. The adjustable steel eye is pre-compressed and the dead end pre-filled, eliminating installation steps.

The dead end tongue and terminal pad are each constructed with a 15º angle, which permits the terminal connector to be bolted in either the straight or the 30º position. Both sides of the pad are finished, creating excellent electrical contact surfaces. For pad to pad connections, AFL recommends the use of No. 2 EJC.

The end tapers of the compression portions of all compression accessories are supplied with a High Voltage finish for die size sections 12CD and above. Corona bolts are furnished standard on 15º terminals for these section sizes.

The square edges of bolted pads of the compression accessories could cause Corona. Pads with edges and corners rounded can be supplied by adding the catalog suffix 'EHV'.

Ordering Instructions

Step 1: Assembly Catalog Number

Determine the assembly catalog number based on the conductor being used.

Step 2: Terminal Connector

For an assembly without a terminal connector, use 'NT'.
For an assembly with a terminal connector, leave blank.

Step 3: Extra High Voltage Finish

For Extra High Voltage Finish, use 'EHV'. (≥ 345 kV)
For Standard Finish, leave blank. (< 345 kV)

Step 4: Assemble Catalog Number.

Assy Catalog Number	+	Terminal Connector	+	EHV Finish

Example:

For an adjustable eye dead end with no terminal and EHV finish for 927.7 Greeley, the complete catalog number is:

AES120NTEHV

Notes:

1. Assembly Catalog Number includes dead end, terminal connector and aluminum hardware.
2. Eye Dimensions are on page 258.
3. Pad Dimensions are on page 257.
4. Installation Instructions for Dead Ends are on page 266.
5. Installation Instructions for Terminals are on page 272.
6. For more information on die selection and ordering instructions, see Tools and Equipment tab in this catalog.

Quick Compress Dead Ends for AAAC and ACAR Conductor, Adjustable Eye Type, Single Tongue, AES Series (cont.)

ASSEMBLY CATALOG NUMBER	CONDUCTOR			DIE SIZE	TOTAL WEIGHT		DIMENSION L		PAD SIZE
	CODE WORD	SIZE	DIAMETER						
		KCMIL	IN		LBS	KG	IN	MM	
AES070	—	281.4	0.609	07CD	2.6	1.18	16.4	418	B
AES070	Butte	312.8	0.642	07CD	2.6	1.18	16.4	418	B
AES080	—	355.1	0.684	08CD	3.8	1.72	17.8	453	B
AES080	Canton	394.5	0.721	08CD	3.8	1.72	17.8	453	B
AES080	—	419.6	0.743	08CD	3.8	1.72	17.8	453	B
AES090	Cairo	465.4	0.783	09CD	5.6	2.54	19.7	501	B
AES090	—	503.6	0.814	09CD	5.6	2.54	19.7	501	B
AES100	Darien	559.5	0.858	10CD	6.1	2.77	20.5	521	B
AES100	—	587.2	0.879	10CD	6.1	2.77	20.5	521	B
AES100	—	634.9	0.914	10CD	6.1	2.77	20.5	521	B
AES100	—	649.5	0.928	10CD	6.1	2.77	20.5	521	B
AES100	Elgin	652.4	0.927	10CD	6.1	2.77	20.5	521	B
AES100	—	657.3	0.930	10CD	6.1	2.77	20.5	521	B
AES110	Flint	740.8	0.991	11CD	9.1	4.13	23.3	591	D
AES120	—	853.7	1.063	12CD	9.9	4.49	24.1	611	D
AES120	Greeley	927.2	1.108	12CD	9.9	4.49	24.1	611	D
AES130	—	1024.5	1.165	13CD	13.9	6.3	26.5	673	D
AES130	—	1080.6	1.196	13CD	13.9	6.3	26.5	673	D
AES130	—	1108.6	1.212	13CD	13.9	6.3	26.5	673	D
AES140	—	1172.3	1.246	14CD	15.0	6.8	27.3	694	D
AES160	—	1534.0	1.427	16CD	23.2	10.52	31.7	806	D
AES160	—	1700.0	1.502	16CD	23.2	10.52	31.7	806	D
AES190	—	2303.5	1.750	19CD	33.4	15.15	35.2	895	E
AES190	—	2338.0	1.762	19CD	33.4	15.15	35.2	895	E
AES200	—	2493.0	1.821	20CD	35.0	15.88	36.0	915	E